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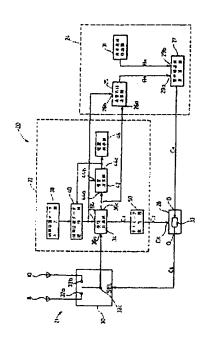
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TITLE

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**GPS RECEIVER FOR DIVERSITY** 

RECEPTION



ABSTRACT :

PURPOSE: To remove the dead zones in the fields of views of antennas by constituting a GPS receiver as a diversity receiver having two or more receiving antennas, and automatically switching and using the receiving antennas.

CONSTITUTION: Bearing data  $\theta A$  of own vehicle which are supplied from an own-vehicle bearing detector 31 are frequently changed every time the automobile changes the direction. At every time of change, an antenna selecting operator 27 refers to a lookup table LUT and determines a receiving antenna which is used to receive the respective signals from first to fourth satellites S<sub>1</sub>-S<sub>4</sub>. Then, output data C<sub>4</sub> are outputted. As a result, the signal from the respective GPS satellite continues to reach a reception measuring part 34 by way of the receiving antenna which is not hindered with the roof of the automobile.

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